Statement of Basis of the Federal Operating Permit

The Premcor Refining Group Inc.

Site Name: Valero Port Arthur Refinery
Physical Location: 1801 Gulfway Dr
Nearest City: Port Arthur
County: Jefferson

Permit Number: O1498
Project Type: Significant Revision

The North American Industry Classification System (NAICS) Code: 32411
NAICS Name: Petroleum Refineries

This Statement of Basis sets forth the legal and factual basis for the draft changes to the permit conditions resulting from the significant revision project in accordance with 30 TAC §122.201(a)(4). The applicant has submitted an application for a significant permit revision per §§ 122.219-211. This document may include the following information:

A description of the facility/area process description;
A description of the revision project;
A basis for applying permit shields;
A list of the federal regulatory applicability determinations;
A table listing the determination of applicable requirements;
A list of the New Source Review Requirements;
The rationale for periodic monitoring methods selected;
The rationale for compliance assurance methods selected;
A compliance status; and
A list of available unit attribute forms.

Prepared on: January 31, 2019

Operating Permit
Basis of Determination

Description of Revisions

The permit was revised as follows:

- The issuance date (11/16/2018) for nonattainment permit 6825A/PSDTX48M1/N65 was updated in the NSR Authorization References table due to major modification and a new GHGPSDTX167 permit was incorporated into the SOP. New versions of 80812 and 86757 with issuance date 12/07/2018 were also incorporated into the SOP.
- A revised Major NSR Summary Table was added for NSR permit 6825A/PSDTX49M1 and nonattainment permit N65.
- Added unit ID CSV843 to the permit with 30 TAC Chapter 115, Vent Gas Control requirements and a permit shield for 40 CFR Part 63, Subpart CC.
- Added 40 CFR Part 61, Subpart FF applicable requirements to existing unit T-8010.
- Added 40 CFR Part 60, Subpart Ja applicability to heater AVU-146H2AB and removed 40 CFR Part 60, Subpart J applicability.
- For all existing units authorized by NSR Permit 6825A and PSDTX49, the PSD preconstruction authorization was updated to PSDTX49M1.
- The NSR Authorizations for multiple existing units were updated.
- Applicant submitted OP-MON to update the Chapter 112 deviation limits for the sulfur recovery units (SRU-543, SRU-544, SRU-545 and SRU-546), as the deviation limits were recently recalculated and determined to need updating as per applicant.
- Compliance plan for unit DCU-843 was removed from the permit.
- Also, added SE 124 version 5/12/1981 to the PCA list.
- Applicant submitted the OP-REQ1 form for the update of the Special Terms and Conditions in the permit. The update resulted in the following changes.
    - Terms for individual drain systems subject to 40 CFR Part 61, Subpart FF have been deleted.
    - Terms for chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 1 or Group 2 wastewater streams that are also subject to 40 CFR Part 61, Subpart FF have been deleted.
    - Terms for chemical manufacturing facilities subject to leak detection requirements in 40 CFR Part 63, Subpart G have been deleted.
    - Terms for chemical manufacturing facilities subject to wastewater operations requirements in 40 CFR Part 63, Subpart G have been deleted.

Permit Area Process Description

The Port Arthur Refinery is a single-train operation and has the capability to handle both sweet and sour crude. Crude is brought into the refinery by pipeline and marine vessels. The principal products produced at the refinery are light gases, gasoline, kerosene, jet fuels, distillate fuels, coke and sulfur. These products are transported to marketing areas by pipeline, marine vessels, rail and motor transport. The existing processing configuration includes the units: atmospheric vacuum, saturated gas recovery, hydrofluoric acid, naphtha hydrotreater, catalytic reformer, hydrocracker, hydrotreating units, fluidized catalytic cracking, gasoline hydrotreating and diesel hydrotreating.

ATMOSPHERIC VACUUM (CRUDE) UNITS (AVU-146 and AVU-17)

The Atmospheric and Vacuum Distillation Units are the first major processing units in the refinery. Their function is to separate crude oil by means of heat and pressure into various fractions for use by other refinery units. The separation or fractionation is accomplished in two distillation towers. In the first, distillation is conducted at atmospheric pressure; while in the second, distillation is conducted under a vacuum.

SATURATED GAS RECOVERY UNIT (HFAU-443)

The Saturated Gas Recovery Unit is designed to recover hydrocarbons from various refinery off gases and gasoline streams for fractionation into six product streams. The gases are collected throughout the refinery, compressed, and then cooled prior to entering a high-pressure separator.

HYDROFLUORIC ACID Unit (HFAU-443)

This unit processes light olefins, which are too light to use as gasolines, with excess isobutane using hydrofluoric acid as a catalyst to produce alkylate. Alkylate is a gasoline-boiling range material used as a blending component in motor fuel.

NAPHTHA HYDROTREATER (NHT-1344)
Most feedstocks for reforming require pretreatment for removal of sulfur, nitrogen, oxygen and halogen bearing compounds, as well as metal contaminants prior to contacting the reforming catalyst since they are catalyst poisons. This is accomplished by contacting with hydrogen at moderate pressure in the presence of a fixed bed catalyst. Naphtha from the crude units, delayed coking unit, and other process units is sent to a prefractionator tower for separation into the proper boiling range material for reforming. Overhead products of C5s and C6s from the prefractionator are routed to Gulfing Units for treatment. The prefractionator bottoms product is combined with cracked gasoline streams for feed to the desulfurization reactor.

The desulfurization reactor feed is combined with hydrogen, heated to reaction temperature and charged to the reactor. Reactor effluent goes to a separator where the hydrogen rich stream is flashed off and recovered. The separator liquid goes to a stripper tower where H2S rich gas is stripped off, amine treated and recovered. Stripper tower bottoms are the desulfurized feed for the Catalytic Reforming Unit reactors.

CATALYTIC REFORMER UNIT (CRU-1344)
Catalytic reforming is a process that employs a precious metals catalyst (in this case platinum), temperature, pressure, and contact time to convert low quality naphtha, straight-run gasoline or cracked gasoline and naphtha, in the presence of hydrogen, into high grade motor fuel blending components.

HYDROCRACKER UNITS (HCU-942 and HCU-943)
Each Hydrocracker Unit (HCU-942 and HCU-943) consists of two sections: a reaction section and a products fractionation section. The primary products from the unit include:

- Fuel Gas
- Light Naphtha
- Heavy Naphtha
- Kerosene
- Low Sulfur Diesel
- Fluid Catalytic Cracking Unit Feed

The hydrocracking process uses a metal oxide catalyst and hydrogen to reduce hydrocarbon molecular weight, producing lighter hydrocarbon products from heavier hydrocarbon feeds. The process also saturates aromatic and olefinic hydrocarbons and removes sulfur, nitrogen and metals from the feed. The unit feed which is a mixture of HVGO, HCGO and LCO is blended in the LP Feed Surge Drum before feeding to the unit.

HYDROTREATING UNITS (KHT-241, PHT-242, DHT-243, GOHT-244)
Gulfining is a proprietary hydrotreating process developed by Gulf Research & Development for the purpose of removing sulfur compounds. The current configuration employs four GFUs: 241, 242, 243, and 244. They differ in their feedstock as shown below:

GFU	Feedstock
241	Kerosene
242	Penhex
243	Diesel
244	Gas oils

The basics of each unit are essentially the same. The feed is preheated prior to mixing with hydrogen-rich gas. The mixture then enters the top of a fixed-bed reactor packed with cobalt and/or nickel molybdenum catalyst where the catalyst facilitates the formation of hydrogen sulfide, ammonia, saturated hydrocarbons, and free metals. The metals remain on the catalyst while the other reaction products exit the reactor with the feed stream. The effluent is cooled and discharged to separators where the hydrogen-rich gas disengages from the feedstock for downstream removal by amine treating. All four of the GFUs can effectively remove 90% of feed sulfur.

FLUIDIZED CATALYTIC CRACKING UNIT (FCCU-1241)

The purpose of an FCCU is to convert gas oil (from the coker and from the gas oil hydrotreater) to higher-grade products. The primary products being gasoline, PP (Propane/Propylene), and BB
(Butane/Butylenes). Other products generated from the unit are absorber gas, acid gas, light cycle oil, and decanted oil.

GASOLINE HYDROTREATING UNIT (GHT-245)
The Gasoline Hydrotreating Unit consists of two sections: a selective hydrogenation section and a heavy gasoline selective hydrodesulfurization section. The primary products from the unit include Light Gasoline Product and Heavy Gasoline Product. The hydrotreating process uses hydrogen and catalyst to reduce sulfur content, producing light and heavy gasoline products from the FCC gasoline feed.

DIESEL HYDROTREATING UNIT (DHT-246)
The Diesel Hydrotreating Unit consists of two sections: a reaction section and a stripping section. A simplified PFD for DHU-246 is provided in this application. The primary products from the unit include:

- Stripper Offgas
- Wild Naphtha
- Diesel Product

The hydrotreating process uses a catalyst and hydrogen in a reaction to produce low sulfur Diesel. The unit feed which is a mixture of LCO, Diesel, and Coker Distillate is blended in the Feed Surge Drum before feeding to the unit.

FOPs at Site

The “application area” consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: O3992

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, SO2, PM, NOX, HAPS, CO

Reading State of Texas’s Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as “applicable requirements”) that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
    - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
    - Additional Monitoring Requirements
    - New Source Review Authorization Requirements
    - Compliance Requirements
    - Protection of Stratosphere Ozone

    - Permit Location
    - Permit Shield (30 TAC § 122.148)
- Attachments
    - Applicable Requirements Summary
        - Unit Summary
        - Applicable Requirements Summary
    - Additional Monitoring Requirements
    - Permit Shield
    - New Source Review Authorization References
    - Compliance Plan
    - Alternative Requirements
- Appendix A
    - Acronym list
- Appendix B
    - Copies of major NSR authorizations

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the “index number,” detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption,

etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Appendix B

Copies of major NSR authorizations applicable to the units covered by this permit have been included in this Appendix, to ensure that all interested persons can access those authorizations.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3 for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot

produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	Yes
Nonattainment New Source Review (NNSR)	Yes
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CSAPR (Cross-State Air Pollution Rule)	No
Federal Implementation Plan for Regional Haze (Texas SO_2 Trading Program)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the “Permit Shield” attachment of the permit.

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to

which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
16BHSW	40 CFR Part 60, Subpart IIII	60IIII-004	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than or equal to 37 KW and less than 130 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = Certified engine according to §60.4211(b)(1). Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured prior to model year 2007.	
16BHSW	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-007	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
ADMNGEN	40 CFR Part 60, Subpart IIII	60IIII-001	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ADMNGEN	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-008	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-13 PS FW	40 CFR Part 60, Subpart IIII	60IIII-001	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENG-13 PS FW	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-005	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-15PS	40 CFR Part 60, Subpart IIII	60IIII-001	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENG-15PS	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-003	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 250 HP and less than 300 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii). Stationary RICE Type = Compression ignition engine	
ENG-443 NORTH	40 CFR Part 60, Subpart IIII	60IIII-002	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than 368 KW and less than 600 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is greater than or equal to 15 and less than 20 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2011.	
ENG-443 NORTH	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-006	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-443 SOUTH	40 CFR Part 60, Subpart IIII	60IIII-002	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Kilowatts = Power rating is greater than 368 KW and less than 600 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is greater than or equal to 15 and less than 20 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2011.	
ENG-443 SOUTH	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-006	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-70AC FW	40 CFR Part 60, Subpart IIII	60IIII-001	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENG-70AC FW	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-005	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-70AC2	40 CFR Part 60, Subpart IIII	60IIII-001	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
ENG-70AC2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-004	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
ENG-70AC3	40 CFR Part 60, Subpart IIII	60IIII-003	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Service = CI ICE is an emergency engine. Commencing = CI ICE was newly constructed after 07/11/2005. Manufacture Date = Date of manufacture was on or prior to 04/01/2006.	
ENG-70AC3	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-004	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-843NORTH	40 CFR Part 60, Subpart IIII	60IIII-004	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than or equal to 37 KW and less than 130 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = Certified engine according to §60.4211(b)(1). Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured prior to model year 2007.	
ENG-843NORTH	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-007	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
ENG-843SOUTH	40 CFR Part 60, Subpart IIII	60IIII-006	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Kilowatts = Power rating is greater than or equal to 37 KW and less than 75 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2007.	
ENG-843SOUTH	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-007	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP less than 100 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
FIREWTR2013-1	40 CFR Part 60, Subpart IIII	60IIII-007	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than 368 KW and less than 600 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is greater than or equal to 15 and less than 20 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2013.	
FIREWTR2013-1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-010	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
FIREWTR2013-2	40 CFR Part 60, Subpart IIII	60IIII-007	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than 368 KW and less than 600 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is greater than or equal to 15 and less than 20 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2013.	
FIREWTR2013-2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-010	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
NSTF TK 10099	40 CFR Part 60, Subpart IIII	60IIII-005	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than or equal to 75 KW and less than 130 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions. Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured in model year 2011.	
NSTF TK 100 99	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-009	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
NSTF TK 151	40 CFR Part 60, Subpart IIII	60IIII-004	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than or equal to 37 KW and less than 130 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement. Displacement = Displacement is less than 10 liters per cylinder. Service = CI ICE is an emergency engine. Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines. Commencing = CI ICE was newly constructed after 07/11/2005. Compliance Option = Certified engine according to §60.4211(b)(1). Manufacture Date = Date of manufacture was after 04/01/2006. Model Year = CI ICE was manufactured prior to model year 2007.	
NSTF TK 151	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-009	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2 Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
TRACHWPUMP	40 CFR Part 60, Subpart IIII	60IIII-001	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification on or before 07/11/2005.	
TRACHWPUMP	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-002	HAP Source = The site is a major source of hazardous air pollutants as defined in 40 CFR § 63.2	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Brake HP = Stationary RICE with a brake HP greater than or equal to 100 HP and less than 250 HP. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Service Type = Emergency use where the RICE operates for the purpose specified in 40 CFR §63.6640(f)(4)(ii).	
F-T-L3010	30 TAC Chapter 115, Storage of VOCs	R5112-0003	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 25,000 gallons but less than or equal to 40,000 gallons	
F-T-L3010	40 CFR Part 60, Subpart QQQ	60QQQ-0014	Construction/Modification Date = After May 4, 1987 Control Device Type = Thermal incinerator Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No.	
F-T-L3010	40 CFR Part 61, Subpart FF	61FF-0027	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Alternate Monitoring Parameters = Alternate monitoring parameters not requested	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
F-T-L3210	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
F-T-L3210	40 CFR Part 60, Subpart Kb	60Kb-0123	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	
F-T-L3210	40 CFR Part 60, Subpart QQQ	60QQQ-0007	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No	
F-T-L3210	40 CFR Part 61, Subpart FF	61FF-0005	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal.	
F-T-L3210	40 CFR Part 63, Subpart G	63G-004	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Seal Type = Liquid-mounted seal (as defined in 40 CFR § 63.111) Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m^3 and storing liquid with any vapor pressure	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Internal floating roof New Source = The source is an existing source.	
F-T-L5010	30 TAC Chapter 115, Storage of VOCs	R5112-0006	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
F-T-L5010	40 CFR Part 60, Subpart QQQ	60QQQ-0014	Construction/Modification Date = After May 4, 1987 Control Device Type = Thermal incinerator Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No.	
F-T-L5010	40 CFR Part 61, Subpart FF	61FF-0027	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Alternate Monitoring Parameters = Alternate monitoring parameters not requested Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-T-L5010	40 CFR Part 63, Subpart G	63G-001	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Closed Vent System = Closed vent system is routing emissions to a process or fuel gas system, or is subject to § 63.148 of Subpart G. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa Hard Piping = The closed vent system is constructed of hard piping. Bypass Lines = Closed vent system has no by-pass lines. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Control Device Type = Thermal incinerator Emission Control Type = Closed vent system (CVS) and control device (fixed roof) New Source = The source is an existing source. Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%. Design Evaluation Submitted = A design evaluation of the emission control system was submitted to demonstrate compliance with 40 CFR § 63.119(e).	
F-T-L5020	30 TAC Chapter 115, Storage of VOCs	R5112-0006	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
F-T-L5020	40 CFR Part 60, Subpart QQQ	60QQQ-0008	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-T-L5020	40 CFR Part 61, Subpart FF	61FF-0001	Waste Treatment Tank = The tank does not manage, treat or store a waste stream subject to 40 CFR Part 61, Subpart FF.	
F-T-L5020	40 CFR Part 63, Subpart G	63G-001	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Closed Vent System = Closed vent system is routing emissions to a process or fuel gas system, or is subject to § 63.148 of Subpart G. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa Hard Piping = The closed vent system is constructed of hard piping. Bypass Lines = Closed vent system has no by-pass lines. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Control Device Type = Thermal incinerator Emission Control Type = Closed vent system (CVS) and control device (fixed roof) New Source = The source is an existing source. Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%. Design Evaluation Submitted = A design evaluation of the emission control system was submitted to demonstrate compliance with 40 CFR § 63.119(e).	
GRP-C8456	30 TAC Chapter 115, Storage of VOCs	R5112-0006	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRP-C8456	30 TAC Chapter 115, Storage of VOCs	R5112-0010	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-C8456	40 CFR Part 60, Subpart Ka	60Ka-001	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Emission controls not required (fixed roof) Reid Vapor Pressure = Reid vapor pressure is less than 1.0 psia Maximum True Vapor Pressure = Maximum true vapor pressure is less than or equal to 1.0 psia	
GRP-C8456	40 CFR Part 63, Subpart CC	63CC-0003	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Ka Storage Vessel Description = Storage vessel does not have an external floating roof.	
GRPCCEFRMS	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
GRPCCEFRMS	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
GRPCCEFRMS	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
GRPCCIFRMS	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPCCIFRMS	40 CFR Part 63, Subpart CC	63CC-0250	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	
GRPCONE1	30 TAC Chapter 115, Storage of VOCs	R5112-0006	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPCONE1	40 CFR Part 63, Subpart CC	63CC-0003	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
GRPFFEFRMS	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
GRPFFEFRMS	40 CFR Part 61, Subpart FF	61FF-0006	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal	
GRPFFEFRMS	40 CFR Part 63, Subpart CC	63CC-0082	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
GRPFFEFRMS	40 CFR Part 63, Subpart CC	63CC-0182	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
GRPFFIFRMS	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPFFIFRMS	40 CFR Part 61, Subpart FF	61FF-0005	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
GRPFFIFRMS	40 CFR Part 63, Subpart CC	63CC-0082	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb	
GRPFFIFRMS	40 CFR Part 63, Subpart G	63G-006	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Internal floating roof New Source = The source is an existing source.	
GRPGEFRMS	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
GRPGEFRMS	40 CFR Part 60, Subpart QQQ	60QQQ-0006	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is equipped with a floating roof.	Recordkeeping – § 60.697(c) was removed. These units are not oil-water separators.
GRPGEFRMS	40 CFR Part 61, Subpart FF	61FF-0006	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal	
GRPGEFRMS	40 CFR Part 63, Subpart G	63G-002	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Seal Type = Two seals, one located above the other, the primary seal being a metallic shoe seal Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Properties do not qualify for exemption Emission Control Type = External floating roof that meets the requirements specified in 40 CFR § 63.119(c), 40 CFR § 63.120(b)(5), and 40 CFR § 63.120(b)(6) Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof New Source = The source is an existing source.	
GRPGFIFRMS	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPGFIFRMS	40 CFR Part 63, Subpart CC	63CC-0003	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	
GRPGIFRMS1	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPGIFRMS1	40 CFR Part 60, Subpart QQQ	60QQQ-0007	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes	
GRPGIFRMS1	40 CFR Part 61, Subpart FF	61FF-0005	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
GRPGIFRMS1	40 CFR Part 63, Subpart G	63G-005	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111) Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Properties do not qualify for exemption Emission Control Type = Fixed-roof tank equipped with an internal floating roof that meets the requirements specified in 40 CFR § 63.119(b) Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Internal floating roof New Source = The source is an existing source.	
GRPGIFRMS2	30 TAC Chapter 115, Storage of VOCs	R5112-0002	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
GRPGIFRMS2	40 CFR Part 60, Subpart Kb	60Kb-0096	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPGIFRMS2	40 CFR Part 60, Subpart QQQ	60QQQ-0007	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No	
GRPGIFRMS2	40 CFR Part 61, Subpart FF	61FF-0005	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
GRPGIFRMS2	40 CFR Part 63, Subpart G	63G-003	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the floating roof Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Volume of the wastewater tank is less than 75m^3 and storing liquid with any vapor pressure Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Internal floating roof New Source = The source is an existing source.	
GRPKVOC	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPKVOC	40 CFR Part 60, Subpart K	60K-003	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure at least 1.0 psia	
GRPKVOC	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K	Main Standard – § 63.640(n)(6) was added for the Group 2 storage vessel operating scenario. Group 2 storage vessels subject to the control requirements of 40 CFR Part 60, Subpart K are required to comply only with the provisions of 40 CFR Part 60, Subpart K.
GRPKVOC	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
GRPRTOTKS	30 TAC Chapter 115, Storage of VOCs	R5112-0006	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
GRPRTOTKS	40 CFR Part 60, Subpart QQQ	60QQQ-0014	Construction/Modification Date = After May 4, 1987 Control Device Type = Thermal incinerator	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = No	
GRPRTOTKS	40 CFR Part 61, Subpart FF	61FF-0027	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device. Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Control Device Type/Operations = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Alternate Monitoring Parameters = Alternate monitoring parameters not requested Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks.	
GRPRTOTKS	40 CFR Part 63, Subpart G	63G-001	MACT Subpart F/G Applicability = The unit is a Group 1 vessel (as defined in Table 5 for existing sources or Table 6 for new sources of 40 CFR 63, Subpart G). Process Wastewater = The tank receives, manages, or treats process wastewater streams Wastewater Tank Usage = The wastewater tank is not used for heating wastewater, treating by means of an exothermic reaction, nor are the contents of the tank are sparged. Closed Vent System = Closed vent system is routing emissions to a process or fuel gas system, or is subject to § 63.148 of Subpart G. NESHAP Subpart Y Applicability = The unit is not subject to 40 CFR Part 61, Subpart Y. Wastewater Tank Properties = Volume of the wastewater tank greater than or equal to 151m3 and vapor pressure of liquid stored is less than 5.2 kPa Hard Piping = The closed vent system is constructed of hard piping. Bypass Lines = Closed vent system has no by-pass lines. Maximum TVP = Maximum true vapor pressure of the total organic HAP in the liquid is less than 11.11 psi (76.6 kPa)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Thermal incinerator Emission Control Type = Closed vent system (CVS) and control device (fixed roof) New Source = The source is an existing source. Control Device Design = The control device was not installed on or before December 31, 1992 or was not designed to reduce inlet emissions of total organic hazardous air pollutants by greater than or equal to 90% and less than 95%. Design Evaluation Submitted = A design evaluation of the emission control system was submitted to demonstrate compliance with 40 CFR § 63.119(e).	
GRPTK5491	30 TAC Chapter 115, Storage of VOCs	R5112-0005	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = Crude oil and/or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTK5491	40 CFR Part 60, Subpart K	60K-001	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Crude oil True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia	
GRPTK5491	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K	Main Standard – § 63.640(n)(6) was added for the Group 2 storage vessel operating scenario. Group 2 storage vessels subject to the control requirements of 40 CFR Part 60, Subpart K are required to comply only with the provisions of 40 CFR Part 60, Subpart K.
GRPTK5491	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
GRPTK7600	30 TAC Chapter 115, Storage of VOCs	R5112-0005	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = Crude oil and/or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
GRPTK7600	40 CFR Part 60, Subpart Ka	60Ka-002	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia	
GRPTK7600	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Ka Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = RVP is greater than or equal to 2.0 psia	
GRPTK7600	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-106	30 TAC Chapter 115, Storage of VOCs	R5112-0005	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = Crude oil and/or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-106	40 CFR Part 60, Subpart K	60K-001	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Crude oil True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia	
T-106	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K	Main Standard – § 63.640(n)(6) was added for the Group 2 storage vessel operating scenario. Group 2 storage vessels subject to the control requirements of 40 CFR Part 60, Subpart K are required to comply only with the provisions of 40 CFR Part 60, Subpart K.
T-106	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-107	30 TAC Chapter 115, Storage of VOCs	R5112-0005	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = Crude oil and/or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-107	40 CFR Part 60, Subpart K	60K-001	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Crude oil True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia	
T-107	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K	Main Standard – § 63.640(n)(6) was added for the Group 2 storage vessel operating scenario. Group 2 storage vessels subject to the control requirements of 40 CFR Part 60, Subpart K are required to comply only with the provisions of 40 CFR Part 60, Subpart K.
T-107	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-108	40 CFR Part 60, Subpart Kb	60Kb-002	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia Storage Vessel Description = Emission controls not required (fixed roof)	
T-108	40 CFR Part 63, Subpart CC	63CC-0003	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is less than 0.75 psia Storage Vessel Description = No floating roof	
T-109	40 CFR Part 60, Subpart Kb	60Kb-002	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia Storage Vessel Description = Emission controls not required (fixed roof)	
T-109	40 CFR Part 63, Subpart CC	63CC-0003	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum TVP = True vapor pressure is less than 0.75 psia Storage Vessel Description = No floating roof	
T-1912	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
T-1912	40 CFR Part 60, Subpart K	60K-004	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external)	
T-1912	40 CFR Part 60, Subpart QQQ	60QQQ-0007	Construction/Modification Date = After May 4, 1987 Control Device Type = No control device Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Monitoring = No alternative operational or process parameter is monitored. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes	
T-1912	40 CFR Part 61, Subpart FF	61FF-0005	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
T-2111	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than 40,000 gallons	
T-2111	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-2111	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-2112	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-2112	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-2112	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-2113	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-2113	40 CFR Part 60, Subpart K	60K-002	Construction/Modification Date = After June 11, 1973 And on or before March 8, 1974 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure at least 1.0 psia	
T-2113	40 CFR Part 61, Subpart FF	61FF-0006	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
T-2113	40 CFR Part 63, Subpart CC	63CC-0254	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K	Main Standard – § 63.640(n)(6) was added for the Group 2 storage vessel operating scenario. Group 2 storage vessels subject to the control requirements of 40 CFR Part 60, Subpart K are required to comply only with the provisions of 40 CFR Part 60, Subpart K.
T-2113	40 CFR Part 63, Subpart CC	63CC-1254	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
T-2133	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-2133	40 CFR Part 60, Subpart Kb	60Kb-003	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-2133	40 CFR Part 63, Subpart CC	63CC-0003	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-2133	40 CFR Part 63, Subpart CC	63CC-0013	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-2162	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
T-2162	40 CFR Part 63, Subpart CC	63CC-0003	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)	
T-2186	30 TAC Chapter 115, Storage of VOCs	R5112-0010A	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-2186	40 CFR Part 60, Subpart Kb	60Kb-004	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-2186	40 CFR Part 63, Subpart CC	63CC-0003	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-2186	40 CFR Part 63, Subpart CC	63CC-0013	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-2401	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
T-2401	40 CFR Part 61, Subpart FF	61FF-0005	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Mechanical shoe seal	
T-2401	40 CFR Part 63, Subpart CC	63CC-0003	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-2900	30 TAC Chapter 115, Storage of VOCs	R5112-0001	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Storage Capacity = Capacity is greater than 40,000 gallons	
T-2900	40 CFR Part 60, Subpart Kb	60Kb-0177	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal	
T-2900	40 CFR Part 63, Subpart CC	63CC-0082	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely cover the space between the wall of the storage vessel and the edge of the internal floating roof	
T-5	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-5	40 CFR Part 60, Subpart Kb	60Kb-001	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal	
T-5	40 CFR Part 63, Subpart CC	63CC-0003	Product Stored = Refined petroleum products	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-5	40 CFR Part 63, Subpart CC	63CC-0013	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal	
T-5002	30 TAC Chapter 115, Storage of VOCs	R5112-0006	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 40,000 gallons	
T-5002	40 CFR Part 60, Subpart Kb	60Kb-0	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia	
T-5002	40 CFR Part 63, Subpart CC	63CC-0003	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-5003	30 TAC Chapter 115, Storage of VOCs	R5112-0007	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-5003	40 CFR Part 60, Subpart Kb	60Kb-0	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)	
T-5003	40 CFR Part 63, Subpart CC	63CC-0003	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-8010	30 TAC Chapter 115, Storage of VOCs	R5112-3	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe and vapor recovery system Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is less than 1.0 psia Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons	
T-8010	40 CFR Part 60, Subpart Kb	60Kb-03	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia	
T-8010	40 CFR Part 61, Subpart FF	61FF-1	Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Tank Control Requirements = The tank has a fixed roof and closed vent system routing vapors to either a fuel gas system or control device. Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is not complying with the alternative standards in 40 CFR § 61.351. Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system. Control Device Type/Operations = Carbon adsorption system that does not regenerate the carbon bed directly in the control device Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1) - (3). Closed Vent System and Control Device AMOC = Not using an alternate means of compliance Engineering Calculations = Results of performance tests are used to demonstrate that the control device achieves emission limitation. Alternative Means of Compliance = Not using an alternate means of compliance to meet the requirements of 40 CFR § 61.343 for tanks. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced when monitoring indicates breakthrough.	
T-8010	40 CFR Part 63, Subpart CC	63CC-3	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-82	30 TAC Chapter 115, Storage of VOCs	R5112-0004	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) Product Stored = VOC other than crude oil or condensate True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Storage Capacity = Capacity is greater than 40,000 gallons	
T-82	40 CFR Part 63, Subpart CC	63CC-0003	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.	
T-82	40 CFR Part 63, Subpart CC	63CC-0013	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal	
BERTH-1A	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-1A	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
BERTH-1A	40 CFR Part 63, Subpart Y	63Y-0041	CEMS = Continuous emissions monitoring system (CEMS) is being used. Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Balancing System = Emissions are reduced by a vapor balancing system. Documenting Vapor Tightness = Electing to comply with the vapor tightness documentation in 40 CFR 63.567(b)(5)(ii).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Subpart Y Control Device Type = Combustion device other than flare or boiler. Material Loaded = Material other than crude oil or gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Performance Test = Baseline temperature from manufacturer. Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564. Source Emissions = Source with emissions of 10 or 25 tons. Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565. Vent Stream By-Pass = There are no valves that could route displaced vapors to the atmosphere.	
BERTH-1B	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-1B	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
BERTH-1B	40 CFR Part 63, Subpart Y	63Y-0002	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
BERTH-2A	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-2A	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
BERTH-2A	40 CFR Part 63, Subpart Y	63Y-0041	CEMS = Continuous emissions monitoring system (CEMS) is being used. Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Balancing System = Emissions are reduced by a vapor balancing system. Documenting Vapor Tightness = Electing to comply with the vapor tightness documentation in 40 CFR 63.567(b)(5)(ii). Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Subpart Y Control Device Type = Combustion device other than flare or boiler. Material Loaded = Material other than crude oil or gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Performance Test = Baseline temperature from manufacturer. Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564. Source Emissions = Source with emissions of 10 or 25 tons. Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565. Vent Stream By-Pass = There are no valves that could route displaced vapors to the atmosphere.	
BERTH-2B	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-2B	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
BERTH-2B	40 CFR Part 63, Subpart Y	63Y-0002	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
BERTH-3A	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-3A	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
BERTH-3A	40 CFR Part 63, Subpart Y	63Y-0041	CEMS = Continuous emissions monitoring system (CEMS) is being used. Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Balancing System = Emissions are reduced by a vapor balancing system. Documenting Vapor Tightness = Electing to comply with the vapor tightness documentation in 40 CFR 63.567(b)(5)(ii). Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Subpart Y Control Device Type = Combustion device other than flare or boiler. Material Loaded = Material other than crude oil or gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Performance Test = Baseline temperature from manufacturer. Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564. Source Emissions = Source with emissions of 10 or 25 tons. Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565. Vent Stream By-Pass = There are no valves that could route displaced vapors to the atmosphere.	
BERTH-3B	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-3B	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
BERTH-3B	40 CFR Part 63, Subpart Y	63Y-0002	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.	
BERTH-5	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-5	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
BERTH-6	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0004	Chapter 115 Facility Type = Marine terminal	
BERTH-6	40 CFR Part 63, Subpart CC	63CC-2502	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.	
F-PS473	30 TAC Chapter 115, Loading and Unloading of VOC	R5211-0001	Chapter 115 Facility Type = Motor vehicle fuel dispensing facility	
F-PS473	40 CFR Part 63, Subpart CC	63CC-2503	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Gasoline loading rack not classified under Standard Industrial Classification code 2911 or marine vessel loading operation at a petroleum refinery not meeting the applicability criteria of 40 CFR § 63.560.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
AVU-146H1	30 TAC Chapter 117, Subchapter B	R117-001	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
AVU-146H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
AVU-146H2AB	30 TAC Chapter 117, Subchapter B	R117-001	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
AVU-146H2AB	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
CRU-1344H1	30 TAC Chapter 117, Subchapter B	R117-001	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
CRU-1344H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
CRU-1344H2	30 TAC Chapter 117, Subchapter B	R117-002	Unit Type = Process heater Maximum Rated Capacity = MRC is less than 40 MMBtu/hr.	
CRU-1344H2	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
CRU-1344H3	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
CRU-1344H3	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
DCU-843C1	30 TAC Chapter 117, Subchapter B	R117-002	Unit Type = Process heater Maximum Rated Capacity = MRC is less than 40 MMBtu/hr.	
DCU-843C2	30 TAC Chapter 117, Subchapter B	R117-002	Unit Type = Process heater Maximum Rated Capacity = MRC is less than 40 MMBtu/hr.	
DCU-843H1	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
DCU-843H2	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
DCU-843H3	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
E-01-147	30 TAC Chapter 117, Subchapter B	R117-001	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
E-01-147	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-01-245	30 TAC Chapter 117, Subchapter B	R117-002	Unit Type = Process heater Maximum Rated Capacity = MRC is less than 40 MMBtu/hr.	
E-01-245	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
E-01-246	30 TAC Chapter 117, Subchapter B	R117-002	Unit Type = Process heater Maximum Rated Capacity = MRC is less than 40 MMBtu/hr.	
E-01-246	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
E-02-147	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
E-02-147	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
FCC-1241H1	30 TAC Chapter 117, Subchapter B	R117-005	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater 30 TAC Chapter 116 Limit = NO_x emission limit in 30 TAC § 117.105 is not greater than the NO_x emission limit in a 30 TAC Chapter 116 permit Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. RACT Date Placed in Service = On or before November 15, 1992 NOx Reduction = No NO_x control method Common Stack Combined = Unit is not vented through a common stack, or the total rated heat input from combined units is at less than 250 MMBtu/hr or the annual combined heat input is less than $2.2(10^{11})$ Btu/yr. Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is less than or equal to $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FCC-1241H2	30 TAC Chapter 117, Subchapter B	R117-005	Diluent CEMS = The process heater does not use a carbon dioxide CEMS to monitor diluent. Fuel Flow Monitoring = Fuel flow is monitored with a totalizing fuel flow meter per 30 TAC §§ 117.140(a), 117.340(a) or 117.440(a). Unit Type = Process heater 30 TAC Chapter 116 Limit = NO_x emission limit in 30 TAC § 117.105 is not greater than the NO_x emission limit in a 30 TAC Chapter 116 permit Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. RACT Date Placed in Service = On or before November 15, 1992 NOx Reduction = No NO_x control method Common Stack Combined = Unit is not vented through a common stack, or the total rated heat input from combined units is at less than 250 MMBtu/hr or the annual combined heat input is less than $2.2(10^{11})$ Btu/yr. Fuel Type #1 = Natural gas Fuel Type #2 = Gaseous fuel other than natural gas, landfill gas or renewable non-fossil fuel gases NOx Monitoring System = Maximum emission rate testing [in accordance with 30 TAC § 117.8000] Annual Heat Input = Annual heat input is less than or equal to $2.8(10^{11})$ Btu/yr, based on a rolling 12-month average.	
GFU-241-H1	30 TAC Chapter 117, Subchapter B	R117-004	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
GFU-241-H1	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
GFU-242-H	30 TAC Chapter 117, Subchapter B	R117-002	Unit Type = Process heater Maximum Rated Capacity = MRC is less than 40 MMBtu/hr.	
GFU-242-H	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
GFU-243-H	30 TAC Chapter 117, Subchapter B	R117-004	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GFU-243-H	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
GFU-244-HA	30 TAC Chapter 117, Subchapter B	R117-004	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
GFU-244-HA	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
GFU-244-HB	30 TAC Chapter 117, Subchapter B	R117-004	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 40 MMBtu/hr, but less than 100 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
GFU-244-HB	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
HCU-942H1/2	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
HCU-942H3	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
HCU-943-A/B	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Functionally Identical Replacement = Unit is not a functionally identical replacement.	
HCU-943-C	30 TAC Chapter 117, Subchapter B	R117-001	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
HFAU-443-H	30 TAC Chapter 117, Subchapter B	R117-003	Unit Type = Process heater Maximum Rated Capacity = Maximum rated capacity is at least 100 MMBtu/hr, but less than 200 MMBtu/hr. RACT Date Placed in Service = On or after the final compliance date specified in 30 TAC §§ 117.9000, 117.9010 or 117.9020(1). Functionally Identical Replacement = Unit is not a functionally identical replacement.	
HFAU-443-H	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	CONSTRUCTION/RECONSTRUCTION DATE = Construction or reconstruction began on or before June 4, 2010.	
BH15-41	30 TAC Chapter 117, Subchapter B	R7117-001	NOx Emission Limitation = Unit is complying with a Source Cap under 30 TAC § 117.123 or § 117.423 Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than or equal to 250 MMBtu/hr. NOx Monitoring System = Continuous emissions monitoring system. Opt-in Unit = The unit is not an opt-in eligible unit or the option is not exercised. 23C-Option = NO_x, CO, O_2 (or CO_2) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A). Fuel Flow Monitoring = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A). RACT Date Placed in Service = On or before November 15, 1992. CO Emission Limitation = Title 30 TAC § 117.110(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). Fuel Type #1 = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction. Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average. Common Stack Combined = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is $2.2(10^{11})$ Btu/yr or less.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
BH15-41	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
BH15-42	30 TAC Chapter 117, Subchapter B	R7117-001	NOx Emission Limitation = Unit is complying with a Source Cap under 30 TAC § 117.123 or § 117.423 Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than or equal to 250 MMBtu/hr. NOx Monitoring System = Continuous emissions monitoring system. Opt-in Unit = The unit is not an opt-in eligible unit or the option is not exercised. 23C-Option = NO_x, CO, O_2 (or CO_2) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A). Fuel Flow Monitoring = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A). RACT Date Placed in Service = On or before November 15, 1992. CO Emission Limitation = Title 30 TAC § 117.110(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). Fuel Type #1 = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction. Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average. Common Stack Combined = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is $2.2(10^{11})$ Btu/yr or less.	
BH15-42	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
BH15-43	30 TAC Chapter 117, Subchapter B	R7117-001	NOx Emission Limitation = Unit is complying with a Source Cap under 30 TAC § 117.123 or § 117.423 Unit Type = Other industrial, commercial, or institutional boiler. Maximum Rated Capacity = MRC is greater than or equal to 250 MMBtu/hr. NOx Monitoring System = Continuous emissions monitoring system. Opt-in Unit = The unit is not an opt-in eligible unit or the option is not exercised. 23C-Option = NO_x, CO, O_2 (or CO_2) CEMS and a totalizing fuel flow meter per § 117.123(c)(1)(A) or § 117.423(c)(1)(A). Fuel Flow Monitoring = Unit operates with a NO_x and diluent CEMS and monitors stack exhaust flow per 30 TAC §§ 117.140(a)(2)(A), 117.340(a)(2)(A) or 117.440(a)(2)(A). RACT Date Placed in Service = On or before November 15, 1992.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CO Emission Limitation = Title 30 TAC § 117.110(c)(1). CO Monitoring System = Continuous emissions monitoring system complying with 30 TAC § 117.8100(a)(1). Fuel Type #1 = Gaseous fuel other than natural gas landfill gas or renewable non-fossil fuel gases. NOx Emission Limit Average = Emission limit in pounds/hour on a block one-hour average. NOx Reductions = No NO_x reduction. Annual Heat Input = Annual heat input is greater than $2.2(10^{11})$ Btu/yr, based on rolling 12-month average. Common Stack Combined = The unit is not vented through a common stack; or the total rated heat input from combined units is less than 250 MMBtu/hr; and the annual combined heat input is $2.2(10^{11})$ Btu/yr or less.	
BH15-43	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
FLARE-05	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-05	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-05	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-103B	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-103B	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-103B	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-13	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-13	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-13	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-15	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-15	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-15	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-18	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-18	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-18	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-19	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-19	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-19	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-20	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-20	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-20	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-22	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions. Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.	
FLARE-22	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-22	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-23	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-23	40 CFR Part 60, Subpart A	60A-0004	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-23	40 CFR Part 63, Subpart A	63A-0004	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)	
FLARE-26	30 TAC Chapter 111, Visible Emissions	R1111-0001	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
FLARE-26	40 CFR Part 60, Subpart A	60A-0005	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Steam-assisted Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
FLARE-26	40 CFR Part 63, Subpart A	63A-0007	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).	
SRU-543	30 TAC Chapter 112, Sulfur Compounds	R2007-0003	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height greater than or equal to the standard effective stack height.	
SRU-544	30 TAC Chapter 112, Sulfur Compounds	R2007-0003	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height greater than or equal to the standard effective stack height.	
SRU-545	30 TAC Chapter 112, Sulfur Compounds	R2007-0003	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height greater than or equal to the standard effective stack height.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
SRU-546	30 TAC Chapter 112, Sulfur Compounds	R2007-0003	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height greater than or equal to the standard effective stack height.	
F-1747	40 CFR Part 60, Subpart GGGa	60GGGa-ALL	Construction/Modification Date = Affected facility was constructed, reconstructed or modified after November 7, 2006. Equipment Components = Components are present.	
F-544	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
F-546	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
F-7042	40 CFR Part 60, Subpart GGGa	60GGGa-ALL	Construction/Modification Date = Affected facility was constructed, reconstructed or modified after November 7, 2006. Equipment Components = Components are present.	
F-7043	40 CFR Part 60, Subpart GGGa	60GGGa-ALL	Construction/Modification Date = Affected facility was constructed, reconstructed or modified after November 7, 2006. Equipment Components = Components are present.	
F-7044	40 CFR Part 60, Subpart GGGa	60GGGa-ALL	Construction/Modification Date = Affected facility was constructed, reconstructed or modified after November 7, 2006. Equipment Components = Components are present.	
F-7843	40 CFR Part 63, Subpart CC	63CCH-ALL	FLARES = YES	
F-7945	40 CFR Part 63, Subpart CC	63CCH-ALL	FLARES = YES	
F-8748-SWS	40 CFR Part 63, Subpart CC	63CCH-ALL	FLARES = YES	
F-943	40 CFR Part 63, Subpart CC	63CCH-ALL	FLARES = YES	
F-DOCKS	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
F-DOCKS	40 CFR Part 61, Subpart J	61J-001	40 CFR 61 (NESHAP) SUBPART J DESIGN CAPACITY = SITE IS DESIGNED TO PRODUCE OR USE MORE THAN 1,000 MEGAGRAMS OF BENZENE PER YEAR ANY COMPONENT IN BENZENE SERVICE [NESHAP J] = THE FACILITY CONTAINS ANY COMPONENT(S) IN BENZENE SERVICE 40 CFR 61 (NESHAP) SUBPART J ALTERNATE MEANS OF EMISSION LIMITATION (AMEL) = NOT USING ALTERNATE MEANS OF EMISSION LIMITATION.	
F-DOCKS	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES	
GRP-CCFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
GRP-CCFUG	40 CFR Part 63, Subpart CC	63CCH-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH MACT H REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES	
GRP-FUGCC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
GRP-FUGCC	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES	
GRP-GGGFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
GRP-GGGFUG	40 CFR Part 60, Subpart GGG	60GGG-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE	
GRP-GGGFUG	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES	
GRP-RVFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
GRP-VVFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP-VVFUG	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	R5352-ALL	SOP/GOP Index No. = Owner/Operator assumes VOC fugitive control requirements for all components subject to 30 TAC Chapter 115, Subchapter D, Division 3 with no alternate control or control device.	
GRP-VVFUG	40 CFR Part 60, Subpart VV	60VV-ALL	SOP Index No. = Owner or operator assumes fugitive unit control requirements for all components in VOC service subject to 40 CFR Part 60, Subpart VV with no alternate control or control devices.	
GRP-VVFUG	40 CFR Part 63, Subpart CC	63CCVV-ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES	
F-432CT	40 CFR Part 63, Subpart CC	63CC-3000	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
F-446CT	40 CFR Part 63, Subpart CC	63CC-3000	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
F-446CT	40 CFR Part 63, Subpart Q	63Q-1	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994. Major Source = The industrial process cooling tower is a major source of HAPs or an integral part of a major source of HAPs. Initial Start-up Date = On or after September 8, 1994.	
GRPCOOL	40 CFR Part 63, Subpart CC	63CC-3000	Existing Source = The heat exchange system is at an existing source. Alternatives = The owner or operator is using the continuous operating parameters monitoring and recordkeeping provisions listed in § 63.655(i).	
GRPCOOL	40 CFR Part 63, Subpart Q	63Q-1	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
GRPAPI	30 TAC Chapter 115, Water Separation	R5131-0004	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = Vapor recovery system which satisfies the provisions of 30 TAC § 115.131. Control Device = Direct flame incinerator.	
GRPAPI	40 CFR Part 60, Subpart QQQ	60QQQ-0099	Construction/Modification Date = AFTER MAY 4, 1987 Control Device = Thermal incinerator. Alternate Means of Emission Limitation = NO Alternative Monitoring = NO	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternative Standard = NO Capacity < 38 L/s = NO Capacity = DESIGN CAPACITY TO TREAT IS GREATER THAN 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.	
GRPAPI	40 CFR Part 61, Subpart FF	61FF-1657	Alternate Means of Compliance = NO By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE Alternative Standards for Oil-Water Separator = NO Control Device Type/Operation = THERMAL VAPOR INCINERATOR PROVIDING MIN. RESIDENCE TIME OF 0.5 SEC @ 760° C Alternate Monitoring Parameters = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART FF Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC) Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349	
GRPAPI	40 CFR Part 63, Subpart G	63G-007	Alternate Monitoring Parameters: = COMPLYING WITH THE MONITORING REQUIREMENTS OF SUBPART G Negative Pressure = FIXED ROOF AND CLOSED-VENT SYSTEM ARE NOT OPERATED AND MAINTAINED UNDER NEGATIVE PRESSURE Process Wastewater = OIL-WATER SEPARATOR RECEIVES, MANAGES, OR TREATS PROCESS WASTEWATER STREAMS AS DEFINED IN TITLE 40 CFR PART 63, SUBPART F Closed Vent System = CLOSED VENT SYSTEM IS SUBJECT TO AND COMPLYING WITH § 63.148 New Source = FACILITY IS AN EXISTING SOURCE AS DEFINED IN MACT G Bypass Lines = NO BYPASS LINE Combination of Control Devices = VENT STREAM IS NOT TREATED USING A COMBINATION OF CONTROL DEVICES Oil-Water Separator Type = FIXED ROOF AND A CLOSED-VENT SYSTEM THAT ROUTES THE ORGANIC HAZARDOUS AIR POLLUTANT VAPORS VENTED FROM THE OIL-WATER SEPARATOR TO A CONTROL DEVICE Control Device Type = THERMAL VAPOR INCINERATOR Floating Roof Alternate Monitoring Parameters = FLOATING ROOF ALTERNATE MONITORING PARAMETERS ARE NOT APPROVED OR ARE NOT REQUESTED Monitoring Options = CONTROL DEVICE IS USING THE MONITORING PARAMETERS SPECIFIED IN TABLE 13 Compliance with 40 CFR § 63.139(c)(1) = C1I	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Continuous Monitoring = COMPLYING WITH THE CONTINUOUS MONITORING REQUIREMENTS OF § 63.143(E)(1) OR § 63.143(E)(2) IN TABLE 13	
GRPAPI	40 CFR Part 63, Subpart VV	63VV-0001	Control = The facility controls air emissions from an oil-water or organic-water separator for which another subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV. Emissions Control = Floating roof.	
CSV843	30 TAC Chapter 115, Vent Gas Controls	R5131-1	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a non-combustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
FLARE-05	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-103B	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
FLARE-13	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-15	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
FLARE-18	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-19	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
FLARE-20	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-22	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
FLARE-23	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-26	40 CFR Part 63, Subpart CC	63CC-1	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
GRPCC2VENT	30 TAC Chapter 115, Vent Gas Controls	R5131-1000	Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a non-combustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is less than or equal to 100 pounds (45.4 kg). VOC Concentration = VOC concentration is less than 612 ppmv. VOC Concentration/Emission Rate @ Max Operating Conditions = The VOC concentration or emission rate is less than the applicable exemption limit at maximum actual operating conditions and the alternate recordkeeping requirements of 30 TAC § 115.126(4) are being selected.	
GRPCC2VENT	40 CFR Part 63, Subpart CC	63CC-1010	98% Reduction = Compliance with the 98% by reduction requirements specified in § 63.116(c)(1)(i) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent. Automated Data Compression Recording System = Prior approval received for use of an automated data compression system that does not record monitored operating parameter values at a set frequency, but records all values that meet set criteria for variation from previously recorded values. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Performance Test = A performance test was conducted to determine compliance with a regulation promulgated by EPA and was conducted using the same methods specified in Subpart G and no process changes have been made or results reliably demonstrate compliance. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
GRPVENTCC1	30 TAC Chapter 115, Vent Gas Controls	R5131-1001	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a non-combustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Title 30 TAC Chapter 115, Subchapter B, Vent Gas Control rules are applicable and the vent is not specifically classified under the rule. Combined 24-Hour VOC Weight = Combined VOC weight is greater than 100 pounds (45.4 kg). VOC Concentration = VOC concentration is greater than or equal to 612 ppmv.	
GRPVENTCC1	40 CFR Part 63, Subpart CC	63CC-1011	98% Reduction = Compliance with the 20 ppmv concentration requirements specified in § 63.116(c)(1)(ii) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 1 vent.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Sampling is used to determine the total organic compound emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i). Control Device = Flare Performance Test = No previous performance test was conducted. Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.	
MC-24/25	40 CFR Part 63, Subpart CC	63CC-1003	98% Reduction = Compliance with the 98% by reduction requirements specified in § 63.116(c)(1)(i) are chosen. Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC. Group 1 = The miscellaneous process vent is a Group 2 vent. Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES. Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate. Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).	
GRP-WASH1	30 TAC Chapter 115, Degreasing Processes	R5412-0057	Solvent Degreasing Machine Type = Cold solvent cleaning machine. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested. Solvent Sprayed = A solvent is sprayed. Solvent Vapor Pressure = Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit. Solvent Heated = The solvent is not heated to a temperature greater than 120° F. Parts Larger than Drainage = Cleaned parts for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Drainage Area = Area is greater than or equal to 16 square inches.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Disposal in Enclosed Containers = Waste solvent is properly disposed of in enclosed containers.	
GRP-WASH2	30 TAC Chapter 115, Degreasing Processes	R5412-0057	Solvent Degreasing Machine Type = Cold solvent cleaning machine. Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested. Solvent Sprayed = A solvent is sprayed. Solvent Vapor Pressure = Solvent vapor pressure is less than or equal to 0.6 psia as measured at 100 degrees Fahrenheit. Solvent Heated = The solvent is not heated to a temperature greater than 120° F. Parts Larger than Drainage = Cleaned parts for which the machine is authorized to clean are larger than the internal drainage facility of the machine. Drainage Area = Area is greater than or equal to 16 square inches. Disposal in Enclosed Containers = Waste solvent is properly disposed of in enclosed containers.	
VACUUM	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5131-2000	Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement for demonstrating and documenting compliance or no such alternate has been requested. Weight of VOC Emitted = Combined weight of VOC is greater than 100 pounds (45.4 kg) in any consecutive 24-hour period. Steam Ejection or Mechanical Vacuum Pump = The vacuum-producing system contains a steam ejector or mechanical vacuum pump. Hotwell with a Contact Condenser = The vacuum-producing system contains a hotwell with a contact condenser. Control Device = Smokeless flare.	
1334-RVENT	40 CFR Part 63, Subpart UUU	63UUU-2000	CRU HCl Emission Limitation = Existing cyclic or continuous CRU reducing uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmv. CRU TOC Emission Limitation = Vent emissions of TOC to a flare (Option 1). CRU HCl Control Device = Moving-bed gas-solid adsorption system. CRU Bypass Line = No bypass line serving the SRU.	
AVU-146H1	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
AVU-146H2AB	40 CFR Part 60, Subpart Ja	60Ja-01	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = After June 24, 2008	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
CRU-1344H1	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
CRU-1344H2	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
CRU-1344H3	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
DCU-843H1	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
DCU-843H2	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
DCU-843H3	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
E-01-147	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
E-01-245	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
E-01-246	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
E-02-147	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
E-03-SCOT	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
E-04-SCOT	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
FCC-1241H1	40 CFR Part 60, Subpart J	60J-0022	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = On or before June 11, 1973.	
FCC-1241H2	40 CFR Part 60, Subpart J	60J-0022	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = On or before June 11, 1973.	
FCCU-1241	40 CFR Part 60, Subpart J	60J-0011	Facility Type = FCCU catalyst regenerator located at a petroleum refinery.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Construction/Modification Date = After January 17, 1984 and on or before May 14, 2007. Contact Material = The FCCU catalyst regenerator has contact material that reacts with petroleum derivatives to improve feedstock quality in which the contact material is regenerated by burning off coke and/or other deposits. Sulfur Content = The FCCU uses an add-on control device to control SO2 emissions. Discharged Gases = Gases discharged by the FCCU catalyst regenerator do not pass through an incinerator or waste heat boiler in which auxiliary or supplemental liquid or solid fossil fuel is burned. CO Monitoring = It has not been demonstrated to the Administrator that the average CO emissions are less than 50 ppm (dry basis).	
FCCU-1241	40 CFR Part 63, Subpart UUU	63UUU-1000	CCU CO Emission Limitation = CCU subject to the NSPS for CO in 40 CFR § 60.103 or electing to comply with the NSPS requirements (Option 1). CCU PM/Opacity Emission Limitation = CCU subject to the NSPS for PM in 40 CFR §60.102 - PM emissions not to exceed 1.0 kg/1,000 kg of coke burn-off in the catalyst regenerator and opacity of emissions not to exceed 30%, except for one 6-minute avg. opacity reading in any 1-hour period. CCU PM Control Device = Wet scrubber. CCU CO Monitoring Method = Continuous Emissions Monitoring System for measuring CO concentration. CCU PM Monitoring Method = Alternative to COMS approved under §63.1573(f). CCU Bypass Line = No bypass line serving the catalytic cracking unit. Alternate Method for Measuring Gas Flow Rate = Not using an alternate method for measuring gas flow rate as listed in §63.1573(a)(1). Multiple CCUs Served by a Single Wet Scrubber = Each CCU is served by a single wet scrubber.	
FLARE-05	40 CFR Part 60, Subpart J	60J-0015	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = On or before June 11, 1973.	
FLARE-103B	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-103B	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FLARE-13	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery that meets the requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content]. Low Sulfur = Fuel gas stream that meets a commercial-grade product specification for sulfur content of 30 ppmv or less.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-13	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that meets requirements in § 60.107a(a)(3) [exempt under § 60.102a(h) or inherently low in sulfur content]. Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-15	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-15	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-18	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-18	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-19	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-19	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-20	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
FLARE-20	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-22	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-22	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-23	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Flare that is used for fuel gas combustion located at a petroleum refinery, that does NOT meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	NSPS J applicability is included per EPA Consent Decree: Civil Action No. SA-05-CA-0569-RF.
FLARE-23	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
FLARE-26	40 CFR Part 60, Subpart Ja	60Ja-0121	Facility Type = Flare that is used for fuel gas combustion that does NOT meet requirements in § 60.107a(a)(3). Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
GFU-241-H1	40 CFR Part 60, Subpart J	60J-0022	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = On or before June 11, 1973.	
GFU-242-H	40 CFR Part 60, Subpart J	60J-0022	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = On or before June 11, 1973.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GFU-243-H	40 CFR Part 60, Subpart Ja	60Ja-0161	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
GFU-244-HA	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
GFU-244-HB	40 CFR Part 60, Subpart J	60J-0023	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
HCU-942H1/2	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
HCU-942H3	40 CFR Part 60, Subpart J	60J-0024	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007. Monitoring Device = No instrument is in place for continuously monitoring and recording the concentration by volume of SO_2 emissions into the atmosphere.	
HCU-943-A/B	40 CFR Part 60, Subpart Ja	60Ja-0161	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	
HCU-943-C	40 CFR Part 60, Subpart Ja	60Ja-0161	Facility Type = Process heater that is used for fuel gas that does NOT meet requirements in § 60.107a(a)(3). Heater Capacity = The process heater is rated equal to or greater than 100 MMBtu/hr. Construction/Modification Date = After June 24, 2008 Sulfur Emission Limit = Owner or operator is choosing SO_2 limit in terms of ppmv H_2S in fuel gas.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
SRU-543	40 CFR Part 60, Subpart Ja	60Ja-0177	Facility Type = Sulfur recovery plant greater than 20 long tons per day. Construction/Modification Date = After June 24, 2008 SRP SO2 Control = Plant utilizes an oxidation control, or a reduction control system followed by incineration.	
SRU-543	40 CFR Part 63, Subpart UUU	63UUU-3000	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO_2 emission limit in §60.104(a)(2). SRU Bypass Line = No bypass line serving the SRU.	
SRU-544	40 CFR Part 60, Subpart Ja	60Ja-0177	Facility Type = Sulfur recovery plant greater than 20 long tons per day. Construction/Modification Date = After June 24, 2008 SRP SO2 Control = Plant utilizes an oxidation control, or a reduction control system followed by incineration.	
SRU-544	40 CFR Part 63, Subpart UUU	63UUU-3000	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO_2 emission limit in §60.104(a)(2). SRU Bypass Line = No bypass line serving the SRU.	
SRU-545	40 CFR Part 60, Subpart Ja	60Ja-0177	Facility Type = Sulfur recovery plant greater than 20 long tons per day. Construction/Modification Date = After June 24, 2008 SRP SO2 Control = Plant utilizes an oxidation control, or a reduction control system followed by incineration.	
SRU-545	40 CFR Part 63, Subpart UUU	63UUU-3001	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO_2 emission limit in §60.104(a)(2). SRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.	
SRU-546	40 CFR Part 60, Subpart Ja	60Ja-0177	Facility Type = Sulfur recovery plant greater than 20 long tons per day. Construction/Modification Date = After June 24, 2008 SRP SO2 Control = Plant utilizes an oxidation control, or a reduction control system followed by incineration.	
SRU-546	40 CFR Part 63, Subpart UUU	63UUU-3001	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO_2 emission limit in §60.104(a)(2). SRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.	
CARBON-1	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
CARBON-1	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
CARBON-2	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
CARBON-2	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-1241-1	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-1241-1	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-1241-2	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-1242	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-1344	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-146	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-147	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-241	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-244	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-246	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-443-1	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FF-443-2	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-84PH	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Container CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-CCS	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-D-108	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-D-108	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-D-108	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-DOCKS-1	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-DOCKS-2	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-DOCKS-3	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-DOCKS-4	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-DOCKS-5	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-DOCKS-6	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-GHU-245	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-KELAB	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-LAB	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-PS-1215	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-1215	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-1215	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-162	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-162	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-162	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-1650	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-1650	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-1650	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-236	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-236	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-236	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-274	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-274	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-274	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-3650	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-3650	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-3650	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-402	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-402	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-402	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-403	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-403	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-403	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-404	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-404	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-404	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-405	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-405	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-405	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-406	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-406	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-406	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-427	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-427	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FF-PS-427	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-434	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-434	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-434	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-435	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-435	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-435	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-436	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-436	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-436	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-439	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-439	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-439	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-441	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-441	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-441	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-449	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-449	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-449	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-451	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-451	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-451	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-457	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-457	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-457	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-4600	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-4600	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FF-PS-4600	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-475	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-475	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-475	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-476	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-476	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-476	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-6400	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-6400	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-6400	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-PS-J-8	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-PS-J-8	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-PS-J-8	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-SC-1907	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-SC-1907	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-SC-1907	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G. Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-TETRA-1	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Container CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-TETRA-2	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Container CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-TK-8010	40 CFR Part 60, Subpart QQQ	60QQQ-001	Control Device Type = Carbon adsorber Alternative Monitoring = Rule based parameters are monitored. Regenerate Onsite = The carbon adsorption system does not regenerate the carbon bed directly onsite.	
FF-TK-8010	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.	
FF-TK-8010	40 CFR Part 63, Subpart G	63G-008	Alternate Monitoring Parameters = Complying with the monitoring parameters specified in Subpart G.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
FF-WORU	40 CFR Part 61, Subpart FF	61FF-0001	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = The carbon in the carbon adsorption system is replaced at a regular predetermined interval.	
FF-WWTU	40 CFR Part 60, Subpart QQQ	60QQQ-002	Control Device Type = Thermal incinerator. Alternative Monitoring = Rule based parameters are monitored.	
FF-WWTU	40 CFR Part 61, Subpart FF	61FF-001	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System contains by-pass line that could divert stream from the control device. By-pass Line Valve = Car-seal or lock-and-key is used to secure by-pass line valve in the closed position. Control Device Type/Operation = Thermal vapor incinerator with a reduction of organics being greater than or equal to 95 weight percent. Engineering Calculations = Engineering calculations show that the control device is proven to achieve its emission limitation.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	
FF-WWTU	40 CFR Part 63, Subpart G	63G-008	Unit Type = Individual drain system New Source = Source is an existing source Closed Vent System = Closed vent system is subject to and complying with 40 CFR § 63.148. By-pass Lines = No by-pass lines. Performance Test = Design evaluation is used to demonstrate compliance. Combination of Control Devices = Vent stream is treated using a single control device. Control Device Type = Thermal vapor incinerator Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Compliance with Title 40 CFR § 63.139(c)(1) = The enclosed combustion device meets the provisions specified in Title 40 CFR § 63.139(C)(1)(i). Continuous Monitoring = Complying with the continuous monitoring requirements of 40 CFR § 63.143(e)(1) or (e)(2) in Table 13 of Subpart G.	
RTO	40 CFR Part 60, Subpart QQQ	60QQQ-0002	Control Device Type = Thermal incinerator. Alternative Monitoring = Rule based parameters are monitored.	
RTO	40 CFR Part 61, Subpart FF	61FF-002	Unit Type = Containers and individual drain systems CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device.	
PRO-WWTU	40 CFR Part 61, Subpart FF	61FF-0216	AMOC = An alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.348 for treatment processes is not used. By-Pass Line = The closed-vent system does not contain a by-pass line that could divert the vent stream away from the control device. Continuous Monitoring = The wastewater treatment system unit process parameters are continuously monitored to indicate proper system operation. Complying with § 61.342(e) = The facility is complying with 40 CFR § 61.342(e). Control Device Type/Operation = Thermal vapor incinerator that provides a minimum residence time of 0.5 seconds at a minimum temperature of 760 degrees C. Openings = The treatment process or wastewater treatment system unit has no openings. Fuel Gas System = Not all gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Benzene Removal = Benzene is removed from the waste stream to a level of less than 10 ppmw on a flow weighted annual average basis. Alternate Monitoring Parameters = Alternate monitoring parameters or requirements have not been approved by the Administrator or have not been requested. Closed-Vent System and Control Device = A closed-vent system and control device is used. Process Or Stream Exemption = The treatment process or waste stream is not complying with 40 CFR §61.348(d). AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used. Treatment Process Engineering Calculations = Engineering calculations show that the treatment process or wastewater treatment system unit is proven to achieve its emission limitation.	
PRO-WWTU	40 CFR Part 63, Subpart G	63G-009	Compliance With 40 CFR § 63.139(c)(1) = The enclosed combustion device being used meets the 95% reduction provisions specified in 40 CFR § 63.139(c)(1)(i). Series of Processes = The wastewater stream is treated using a series of treatment processes. Alternate Monitoring Parameters = The EPA Administrator has not approved alternate monitoring parameters or no alternate has been requested. Hard Piping = The wastewater stream for a combination of treatment processes is conveyed by hard piping. Compliance Under Title 40 CFR § 63.138(a)(7)(ii) = Complying with Title 40 CFR § 63.138(a)(7)(i). Vented to Control = Emissions from the treatment process are vented to a control device. Series Design Evaluation = Compliance for the series of treatment processes is demonstrated using design evaluation across the series of processes. Closed Vent System = Closed vent system is not maintained under negative pressure and is subject to 40 CFR § 63.148. Performance Tests = Design evaluation is used to demonstrate that the control device or combination of control devices achieves the appropriate conditions. By-Pass Lines = No by-pass lines. Combination of Control Devices = The vent stream is treated using a single control device. Monitoring Options = Control device is using the monitoring parameters specified in Table 13 of Subpart G. Continuous Monitoring = Complying with the continuous monitoring requirements of § 63.143(e)(1) or § 63.143(e)(2) in Table 13 of Subpart G. Control Devices = Thermal vapor incinerator.	

* - The “unit attributes” or operating conditions that determine what requirements apply
** - Notes changes made to the automated results from the DSS, and a brief explanation why

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOPs are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room,

located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. In addition, many of the permits are accessible online through the link provided below. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. Permit by Rule (PBR) registrations submitted by permittees are also available online through the link provided below. The following table specifies the PBRs that apply to the site.

The TCEQ has interpreted the emission limits prescribed in 30 TAC §106.4(a) as both emission thresholds and default emission limits. The emission limits in 30 TAC §106.4(a) are all considered applicable to each facility as a threshold matter to ensure that the owner/operator qualifies for the PBR authorization. Those same emission limits are also the default emission limits if the specific PBR does not further limit emissions or there is no lower, certified emission limit claimed by the owner/operator.

This interpretation is consistent with how TCEQ has historically determined compliance with the emission limits prior to the addition of the “as applicable” language. The “as applicable” language was added in 2014 as part of changes to the sentence structure in a rulemaking that made other changes to address greenhouse gases and was not intended as a substantive rule change. This interpretation also provides for effective and practical enforcement of 30 TAC §106.4(a), since for the TCEQ to effectively enforce the emission limits in 30 TAC §106.4(a) as emission thresholds, all emission limits must apply. As provided by 30 TAC §106.4(a)(2) and (3), an owner/operator shall not claim a PBR authorization if the facility is subject to major New Source Review. The practical and legal effect of the language in 30 TAC § 106.4 is that if a facility does not emit a pollutant, then the potential to emit for that particular pollutant is zero, and thus, the facility is not authorized to emit the pollutant pursuant to the PBR.

The status of air permits, applications, and PBR registrations may be found by performing the appropriate search of the databases located at the following website:

www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

Permits by Rule

All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Texas Commission on Environmental Quality (TCEQ) regulates facilities that release air contaminants, even in small amounts, under its air permit rules. Facilities with emissions that do not meet de minimis criteria but will not make a significant contribution of air contaminants to the atmosphere may be permitted by rule. Facilities authorized by PBR must be constructed and operated with certain restrictions.

A PBR may be claimed when both the following conditions are met: 1. The facility meets all applicable requirements of 30 TAC § 106.4. These requirements limit the amount of annual emissions to less than federal permit major source levels, and require compliance with all state and federal regulations; and 2. The facility meets all applicable conditions of one or more individual PBRs contained in 30 TAC Chapter 106. These requirements may specify design requirements for certain facilities, production or material use limits, and operational restrictions.

Certain PBRs require registration with TCEQ as stated in the specific PBR. Other PBRs are not required to be registered with TCEQ. In either case, the permit holder must maintain sufficient records to demonstrate compliance with the annual emissions limits specified in 30 TAC § 106 and maintain sufficient records to demonstrate compliance with the emission limits and specific conditions of the PBR.

Permit holders may also certify emissions in a PBR registration to establish federally enforceable emission limits below the emission limits of 30 TAC § 106.4 which establishes limits for production and planned MSS for each facility (piece of equipment) to 250 tons per year (tpy) Nitrogen Oxides (NOx) and Carbon Monoxide (CO); 25 tpy Volatile Organic

Compounds (VOC), Particulate Matter (PM), Sulfur Dioxide (SO2), and any other contaminant (except water, nitrogen, ethane, hydrogen, oxygen, and greenhouse gases); 15 tpy of particulate matter with diameters of 10 microns or less (PM_{10}); or 10 tpy of particulate matter with diameters of 2.5 microns or less ($PM_{2.5}$).

PBR registrations may be certified to demonstrate that emission allowables for each facility claimed under the PBR are less than the netting or major source trigger levels under the PSD and NNSR programs. Certifications are also required for sites subject to NOx cap and trade programs under 30 TAC Chapter 101 and for ensuring that any PBR claims do not exceed permitted flexible caps for facilities permitted under 30 TAC Chapter 116, Subchapter G.

PBR registrations that are certified will have the specific maximum permitted allowables for each facility attached to the registration letter.

Incorporation of PBRs in NSR Permits

TCEQ's Policy and Guidance Memo dated September 26, 2006
http://www.tceq.texas.gov/assets/public/permitting/air/memos/pbr_spc06.pdf defines the two different scenarios that will determine when and how a PBR or SP should be consolidated in the NSR permit for that facility when the NSR permit is amended or renewed: consolidation by reference and consolidation by incorporation.

Standard Permits and PBRs that directly affect the emissions of permitted facilities must, at a minimum, be consolidated by reference when the NSR permit is amended or at renewal. If Standard Permits and PBRs occur at the NSR permitted site, but do not directly affect NSR permitted facilities, it is not required, but at the request of the NSR permit holder they may be consolidated by reference. Referencing will not require a best available control technology (BACT) review but may require an impacts review based on commission guidance.

Consolidation of all other PBRs and SPs by incorporation (rolled in) is voluntary. If the NSR permit holder requests incorporation (that is, reauthorization under the NSR permit), PBRs and SPs may be incorporated but will undergo BACT and impacts review based on commission guidance. When incorporated into the NSR permit, the original authorization becomes void. The incorporation of PBRs and SPs requires an amendment, but no additional forms or fees are required if a complete renewal package with the above information is submitted.

Details on how to search the databases are available in the **Obtaining Permit Documents** section below.

New Source Review Authorization References

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: GHGPSDTX167	Issuance Date: 11/16/2018
PSD Permit No.: PSDTX49M1	Issuance Date: 11/16/2018
Nonattainment (NA) Permits	
NA Permit No.: N65	Issuance Date: 11/16/2018
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 6825A	Issuance Date: 11/16/2018
Authorization No.: 80812	Issuance Date: 12/07/2018
Authorization No.: 86757	Issuance Date: 12/07/2018
Authorization No.: 91911	Issuance Date: 03/22/2010
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003

New Source Review Authorization References

Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001
Number: 5	Version No./Date: 08/30/1988
Number: 61	Version No./Date: 07/20/1992
Number: 68	Version No./Date: 07/20/1992
Number: 86	Version No./Date: 11/25/1985
Number: 88	Version No./Date: 07/20/1992
Number: 111	Version No./Date: 09/23/1982
Number: 124	Version No./Date: 05/12/1981
Number: 124	Version No./Date: 09/23/1982
Number: 125	Version No./Date: 09/23/1982

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the “Maximum Allowable Emission Rate Table”, or “MAERT” for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit’s compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Compliance Assurance Monitoring (CAM):

Compliance Assurance Monitoring (CAM) is a federal monitoring program established under Title 40 Code of Federal Regulations Part 64 (40 CFR Part 64).

Emission units are subject to CAM requirements if they meet the following criteria:

1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;

2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and

3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

The following table(s) identify the emission unit(s) that are subject to CAM:

Unit/Group/Process Information
ID No.: RTO

Control Device ID No.: RTO	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 40 CFR Part 61, Subpart FF	SOP Index No.: 61FF-002
Pollutant: Benzene	Main Standard: § 61.349(a)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum Temperature = 1400 degrees Fahrenheit	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for thermal incinerators. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Unit/Group/Process Information
ID No.: SRU-543

Control Device ID No.: E-01-SCOT	Control Device Type: Sulfur Recovery Unit With Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1650 Lbs SO2/hr	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: SRU-544	
Control Device ID No.: E-02-SCOT	Control Device Type: Sulfur Recovery Unit With Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1596 Lbs SO2/hr	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: SRU-545	
Control Device ID No.: E-03-SCOT	Control Device Type: Sulfur Recovery Unit with Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1693 LBS SO2/HR	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: SRU-546	
Control Device ID No.: E-04-SCOT	Control Device Type: Sulfur Recovery Unit With Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: R2007-0003
Pollutant: SO_2	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 1539 lbs SO2/hr	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO2 concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Periodic Monitoring:

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information	
ID No.: GRPKVOC	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-003
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRPTK5491	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-001
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: GRP-WASH1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-0057
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Cover shall be kept closed whenever cleaner is not in use	
Basis of monitoring: The monitoring option to cover cold cleaner or the open-top vapor cleaner was included in the EPA “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. In addition to covering the cleaner records of monthly inspections of equipment is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: GRP-WASH2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5412-0057
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: Cover shall be kept closed whenever cleaner is not in use.	
Basis of monitoring: The monitoring option to cover cold cleaner or the open-top vapor cleaner was included in the EPA “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. In addition to covering the cleaner records of monthly inspections of equipment is an effective way to ensure that the system is operating in accordance with its design.	

Unit/Group/Process Information	
ID No.: T-106	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-001
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: T-107	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-001
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: T-2113	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-002
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: External Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: The roof is not floating on the surface of the VOC, liquid has accumulated on the external floating roof, the seals are detached, or any holes/tears in the seal fabric	
Basis of monitoring: The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.	

Unit/Group/Process Information	
ID No.: VACUUM	
Control Device ID No.: FLARE-19	Control Device Type: Flare
Control Device ID No.: FLARE-23	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5131-2000
Pollutant: VOC	Main Standard: § 115.311(a)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: No pilot flame	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Obtaining Permit Documents

The New Source Review Authorization References table in the FOP specifies all NSR authorizations that apply at the permit area covered by the FOP. Individual NSR permitting files are located in the TCEQ Central File Room (TCEQ Main Campus located at 12100 Park 35 Circle, Austin, Texas, 78753, Building E, Room 103). They can also be obtained electronically from TCEQ's Central File Room Online (https://www.tceq.texas.gov/goto/cfr-online). Guidance documents that describe how to search electronic records, including Permits by Rule (PBRs) or NSR permits incorporated by reference into an FOP, archived in the Central File Room server are available at https://www.tceq.texas.gov/permitting/air/nav/air_status_permits.html

All current PBRs are contained in Chapter 106 and can be viewed at the following website:

https://www.tceq.texas.gov/permitting/air/permitbyrule/air_pbr_index.html

Previous versions of 30 TAC Chapter 106 PBRs may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Historical Standard Exemption lists may be viewed at the following website:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Additional information concerning PBRs is available on the TCEQ website:

https://www.tceq.texas.gov/permitting/air/nav/air_pbr.html

Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on **December 8, 2018.**
   Site rating: **24.80 / Satisfactory** Company rating: **19.94 / Satisfactory**
   (High < 0.10; Satisfactory ≥ 0.10 and < 55; Unsatisfactory > 55)
2. Has the permit changed on the basis of the compliance history or site/company rating?.....No

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes

OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes
OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes